

State Highway Crossing Permit Application

CHECKLIST

- ☐ Complete the "Application for Utility Permit or Franchise"
 - ☐ Determine appropriate Category 1, 2, 3, or 4: (Ch. 1, Attachment 1-3, pg. 8-12) (if unsure, contact the Olympic Region Utilities Office)
 - ☐ Review the General Provision on the back side of the Application
- ☐ Complete the Facility Description Sheet
- ☐ Prepare and Include Diagrams/Plans for Exhibits
 - Diagrams/Plans shall include the following:
 - ☐ Construction Details with
 - ☐ A cross section of the proposed installation.
 - ☐ Highway features noted to pinpoint location of proposed crossing.(Note the distance from a bridge, road intersection, milepost marker, ect.)
 - ☐ Details of the proposed excavation needed to install the facility; dimensions, side slopes, protection, etc.
 - ☐ Proposed hours of work and duration of work.
 - ☐ Protection of work site.
 - ☐ Traffic control measures.
- ☐ If this proposal includes the installation of any above ground object within the highway right of way (pole, post, hydrant, vent pipe, valve box, etc.) contact South Central Region Utility Office for further information needed to address protecting the object safely.

General Definitions

Highway	A general term denoting a street, road or public way for the purpose of vehicular travel, including the entire area within the right of way.
Conventional Highway	An arterial highway without access control.
Limited Access Highway	A highway upon which the rights to ingress and egress, light, view and air are controlled by law.
Full Control of Access	Preference to through traffic is provided by prohibiting at grade crossings or connections.
Partial Control of Access	Preference to through traffic is provided by restricting access connections to selected public roads. There may be some at grade crossings and private driveway connections.
Modified Control of Access	Preference to through traffic is provided to the degree that most approaches existing and in use at the time of establishment may be allowed.
Roadway Prism	The portion of the highway right of way between the ditch lines, curb lines or toe of fills.
Roadway	The portion of a highway including shoulders, for vehicular use.
Edge of Pavement	The edge of the traveled way (fog line) not including shoulders and parking lanes.
Utility Permit	Granted for occupancy of highway right of way for utility line crossings and/or utility line installations of 300 feet or less longitudinal to the highway.
Utility Franchise	Granted for occupancy of highway right of way for utility line installations exceeding 300 feet longitudinal to the highway.
Restoration	A general term denoting replacing, repairing or otherwise rehabilitating the right of way to the same or equal conditions as before any change or construction thereon.

Category 1 (Extensive Impact)

Utility installations within this category include any or all of the following conditions:

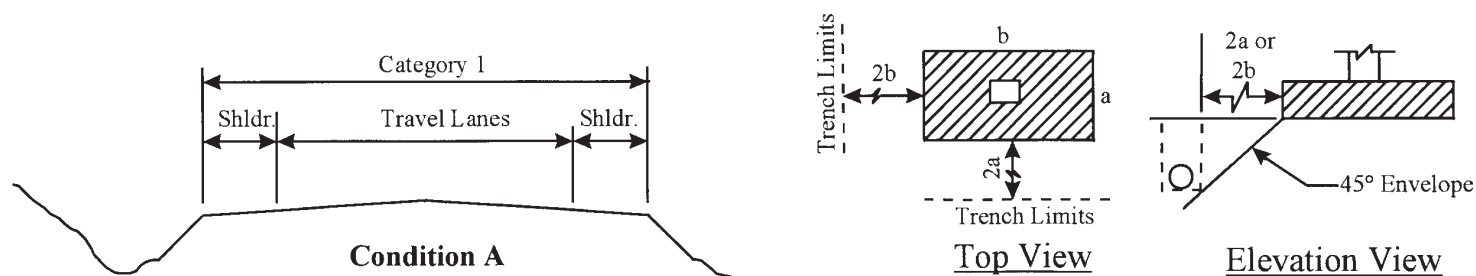
- A. Longitudinal installations located within the roadway prism between the outside edges of the shoulders.
- B. Longitudinal Installations located within limited access.
- C. Installations requiring open cuts of the paved roadway.
- D. Installations attached to any bridge or structure.
- E. Buried installations located within the zone of influence of a bridge footing.
- F. Installations which are a variance to the requirement of the Utility Accommodation Policy.
- G. Above ground installations for which a Control Zone reclassification approval is required.

The application will include:

- ♦ The Utility Facility Description Form
- ♦ Utility developed plans which describe the installation in detail.
- ♦ Utility developed data which convincingly justifies the installation.
- ♦ Relocation records for above ground object installations.

These applications will be reviewed in detail by more than one DOT office.

The Bridge and Structures Office shall approve all excavations and borings below the bottom of footing, seal, or pile group which are within a horizontal distance from the edge of a structural footing equal to twice the width of the footing, or below the 45° envelope from the bottom of the footing as shown in the following details. Typical views below show the allowable limits.



Category 2 (Possible Impact)

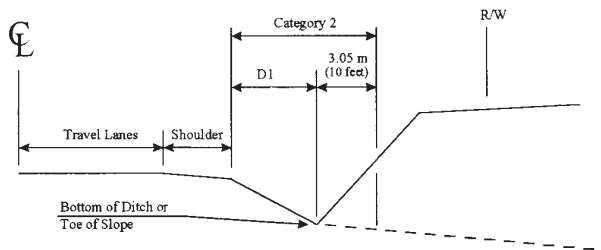
Utility installations within this category include any or all of the following conditions:

- A. Longitudinal installations located **within** an area described as:
The horizontal distance (D1) from the outside edge of the shoulder to the bottom of ditch or toe of slope plus either;
 1. 3.05 meters (10 feet), or;
 2. The horizontal distance (D2) to a point 1.52 meters (5 feet) from the R/W line
whichever is less. (See examples below.)
- B. Above ground installations for which a Control Zone 5/15 reclassification approval is required.
- C. Installations which are relocated as a result of DOT highway project.
- D. Installations requiring a notice of filing.
- E. Installations requiring environmental permits.
- F. Limited access highway crossings.
- G. Installations for which an individual bond is required.
- H. Installations by a utility which has repeatedly violated the requirements of the Utility Accommodation Policy during previous facility installations.
- I. Drainage

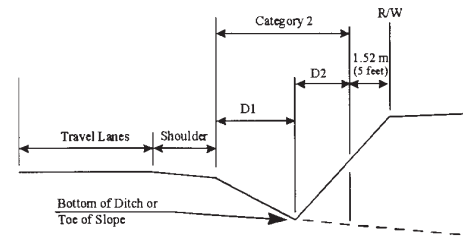
The application will include:

- ◆ The Utility Facility Description Form
- ◆ Utility developed plans and data which adequately describes the installation and any special features.
- ◆ Relocation records for above ground object installations.

These applications may require review by more than one DOT office.



Example 1



Example 2

Category 3 (Minimal Impact)

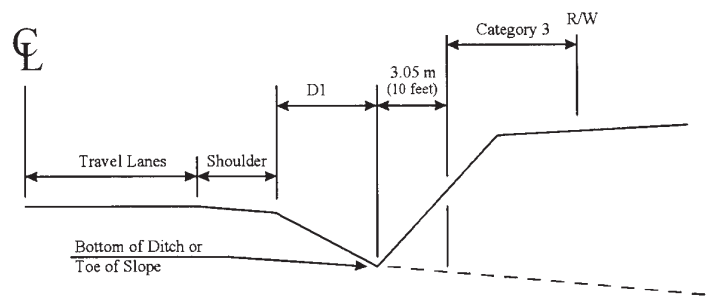
Utility installation within this category include any or all of the following conditions:

- A. Longitudinal installations located **beyond** an area described as:
The horizontal distance (D1) from the outside edge of the shoulder to the bottom of ditch or toe of slope plus either;
 1. The horizontal distance (D2) to a point 1.52 meters (5 feet) from the R/W line or;
 2. 3.05 meters (10 feet);
 whichever is less. (See examples below.)
- B. Non-exempt same side service connections.
- C. Non-limited access highway crossings.
- D. Above ground installations complying with the Control Zone Location III object definition.
- E. Installations involving a change in capacity of facilities located within existing conduits or on existing poles.

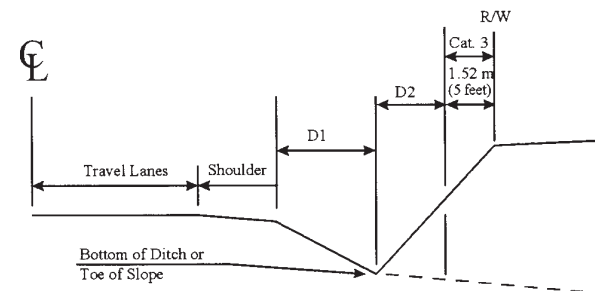
The application will include:

- ♦ The Utility Facility Description Form
- ♦ Relocation records for above ground object installations.
- ♦ Justification for utility location if proposed between a point 3.05 meters (10 feet) beyond the bottom of the roadway ditch or toe of fill and a point 1.52 meters (5 feet) inside of the WSDOT right of way.

These applications will be reviewed in the Region Utilities Office to verify data submitted.



Example 1



Example 2

Category 4 (Exempted Same Side Service Connections)

Utility installation within this category include same side service connections meeting all of the following requirements:

A. A service connection of a size which:

- | | |
|------------------------------|-------------------------------------|
| 1. Power | is 15kv or less |
| 2. Telephone | is 25 pair or less |
| 3. Natural Gas | is 1 ¼" I.D. or less |
| 4. Gravity Sewer | is 4" I.D. or less |
| 5. Forced Sewer | is 2" I.D. or less |
| 6. Water | is 1" I.D. or less |
| 7. Television | is ½" O.D. or less |
| 8. Fiber Optic Communication | serves 4 or less residential units. |

B. Installation will not require open cuts of the paved roadway.

C. The service must originate at an existing Franchised or Permitted facility.

These installations will not require a permit; provided that,

- ◆ Written confirmation of compliance to the above requirements is submitted to the Maintenance Office.
- ◆ Installations will conform to the requirements of the Utility Accommodation Policy.
- ◆ Telephone notification will be made to the Maintenance Office prior to beginning work on the highway right of way.



**Washington State
Department of Transportation**

CATEGORY 4 Utility Confirmation of Compliance

Date: _____

_____ REGION: AREA _____ MAINTENANCE OFFICE

UTILITY: _____

Contact: _____

Phone: _____

Fax: _____

UTILITY'S CONTRACTOR: _____

Contact: _____

Phone: _____

Fax: _____

Existing Permit or Franchise No. _____.

Service Connection:

Size _____ Material _____ Type _____

When:

Date _____ Time _____

Where:

SR _____ Mile Post _____ Vicinity of _____

This installation will conform to the requirements of WAC 468-34-110 and the Utilities Accommodation Policy.

Name

Authorized Signature

SYMBOLS:

Right of Way (R/W) _____

Edge of Pavement (EOP) _____

Centerline (C/L) of SR _____

Edge of Pavement (EOP) _____

Right of Way (R/W) _____

PLAN - UTILITY LOCATION

(Show North Arrow)

Instruction to complete “Application for Utility Permit or Franchise”

- (1) For Washington State Department of Transportation (Department) use only. Department assigned Permit/Franchise Number.
- (2) Check appropriate type, either Permit, Franchise, or Franchise Amendment, Consolidation or Renewal. More than one box can be checked. Contact Regional Utilities Engineer for clarification if necessary.

Check appropriate Category Type, 1, 2, or 3. Category Definitions are further explained on other pages. See the procedures and other form if it is determined the installation is a Category 4.

- (3) Brief description of the proposed installation, e.g. 25X aerial cable, 15Kv buried power.
- (4) Enter State Route number.
- (5) Beginning Milepost of Facility.
- (6) Ending Milepost of Facility.
- (7) County in which the facility is being proposed.
- (8) Quarter ($\frac{1}{4}$) Section description in which the beginning of the proposed facility is to be placed.
(example, NE $\frac{1}{4}$ of SE $\frac{1}{4}$)
- (9) Enter Section number in which the beginning of the proposed facility is to be placed.
- (10) Enter Township number in which the beginning of the proposed facility is to be placed.
- (11) Enter Range number in which the beginning of the proposed facility is to be placed.
- (12) Quarter ($\frac{1}{4}$) Section description in which the end of the proposed facility is to be placed.
(example, NE $\frac{1}{4}$ of SE $\frac{1}{4}$)
- (13) Enter Section number in which the end of the proposed facility is to be placed.
- (14) Enter Township number in which the end of the proposed facility is to be placed.
- (15) Enter Range number in which the end of the proposed facility is to be placed.
- (16) Enter the proper fee from the top of the form. **(Make checks or money orders payable to “Washington State Department of Transportation”).**
- (17) Name of applicant such as “Acme Power”, address of applicant, telephone number including are code, applicant authorized signature, print or type name, enter title, enter date of application, enter Federal Tax ID or Social Security Number.



Washington State
Department of Transportation

Application for Utility Permit or Franchise

Permit/Franchise No.

1

Applicant - Please print or type all information

Application is Hereby Made For: ☐ Permit ☐ Category 1 \$500.00
☐ Franchise ☐ Amendment ☐ Category 2 \$300.00
☐ Franchise Consolidation \$300.00 ☐ Category 3 \$150.00
☐ Franchise Renewal \$250.00

Intended Use of State Right of Way is to Construct, Operate, and Maintain a:

3

on a portion of

State Route 4 (at/from) MilePost 5 to Mile Post 6 in 7 County,
 to begin in the 8 Section 9 Township 10 North: Range 11 West/East W.M.
 and end in the 12 Section 13 Township 14 North: Range 15 West/East W.M.

Fees in the amount of \$ 16 are paid to defray the basic administrative expense incident to the processing of this application according to WAC 468-34 and RCW 47.44 and amendments. The applicant further promises to pay additional costs incurred by the Department on the behalf of the applicant.

Checks or Money Orders are to be made payable to "Washington State Department of Transportation."

17

Applicant (Referred to as Utility)

Applicant Authorized Signature

Address

Print or Type Name

City State Zip Code

Title

Dated this day of ,

Telephone

Applicant Reference (WO) Number

Federal Tax ID Number or Social Security Number

Authorization to Occupy Only If Approved Below

The Washington State Department of Transportation referred to as the "Department," hereby grants this document (Permit or Franchise as applicable) subject to the terms and conditions stated in the General Provisions, Special Provisions, and Exhibits attached hereto and by this reference made a part hereof: Construction facilities proposed under this application shall begin within one year and must be completed within three years from date of approval.

For Department Use Only

Exhibits Attached

Department Approval

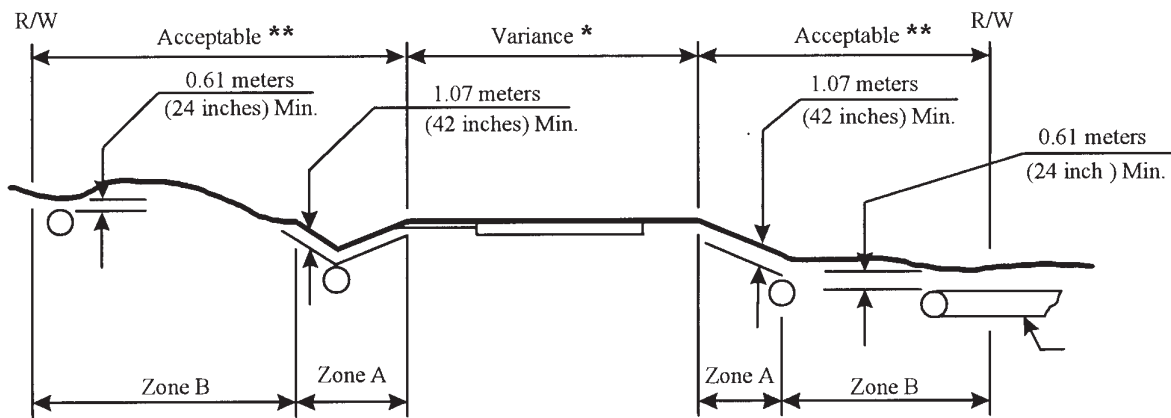
By: _____

Title: _____

Date: _____

Expiration Date: _____

Requirements Involving Underground Utility Encroachments



Typical Longitudinal Detail

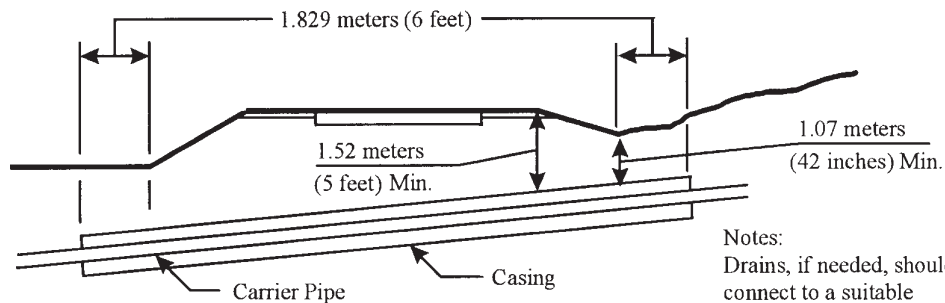
* Shoulders, all traffic lanes and medians

** "Uniform alignment and grade as near as practicable to the right of way line."

Utility facilities shall be buried in accordance with the Provisions for Permits and Franchises.

Zone A is the area within the foreslope and backslope where routine maintenance operations generally occur. This area is defined as 1.52 meters (5 feet) beyond the bottom of the ditch or 4.5 meters (15 feet) beyond the edge of the shoulder, whichever is further.

Zone B is the area outside of the roadway and Zone A.



Typical Crossing Detail

Notes:
Drains, if needed, should connect to a suitable drainage course.

Casing Pipes should be sealed and vented near R/W line if required.

Figure 1-5

Instruction to complete “Utility Facility Description” Form

- (A) Utility Contact. The Company representative who is most knowledgeable about the proposed installation
- (B) Telephone number including area code of Utility Contact.
- (C) For Utility Use. Utility reference number/work order number.
- (D) For WSDOT Use. Department assigned permit/franchise number.
- (E) Enter State Route number.
- (F) Scenic classification designation of the affected section of highway from the Accommodations Policy. (See the Route Information Sheets or contact the Department’s Regional Utilities Office)
- (G) Access control designation of affected section of highway. (See the Route Information Sheets or contact the Department’s Regional Utilities Office)
- (H) The beginning milepost of the proposed facility. (nearest hundredth of a mile)
- (I) The ending milepost of the proposed facility. (nearest hundredth of a mile)
- (J) Milepost (MP) of reference point, e.g. MP 8.80, Smith Road, or MP 9.00, Milepost Sign. (Possible reference points may include an intersection, junction, highway structure, etc.)
- (K) Distance from Reference MP to the beginning of the proposed facility, e.g. 560 feet (170.68 meters) west.
- (L) Description of facility. Be as complete as possible including changes in size, type or capacity of facility.
- (M) Beginning Milepost and ending Milepost of distinct sections of the proposed facility, or Milepost of the crossing. Make an entry for each unique section, change in alignment, size, capacity, etc.
- (N) Location of the facility (Left, Right, Crossing) with respect to the painted centerline of the highway looking toward increasing Milepost.
- (O) Distance from the centerline to the proposed facility.
- (P) Distance from the Edge of Traveled Way to the facility.
- (Q) Depth or height of facility from finished grade.
- (R) Horizontal distance from outside edge of shoulder to bottom of ditch or toe of slope.
- (S) Description of facility to be constructed.
- (T) Right of Way width on the left side measured from the highway centerline alignment. Contact the Regions Utilities Office if a copy of the right of way plan is needed.

(U) Right of Way width on the right side measured from the highway centerline alignment. Contact the Regions Utilities Office if a copy of the right of way plan is needed.

(V) Enter remarks to further describe the facility placement.

Utility Facility Description

Applicant Field Contact Person (A)		Field Contact Phone Number (B)		Applicant Reference (WO) Number (C)		Permit/Franchise No. (D)
State Route (E)	Highway Scenic Class (F)	Access Control (G)	Begin MP (H)	End MP (I)	Reference MP (J)	Distance and Direction (From nearest reference MP) (K)
Facility Description (L)						

Facility Detail

[illegible]DOT Form 224-697 EF
Revised 3/97Exhibit "B" Page W of X Pages

Justification/Variance Procedures

Applications with proposed installations in the following areas, must also include the following support data to justify the installation.

Longitudinal installations outside the roadway prism within the right of way of an access controlled highway.

Areas to be addressed:

- Extreme difficulty of alternative installations --- example, problems encountered with rock outcroppings, environmentally sensitive areas, water, large trees, inaccessibility, etc.
- Unreasonably costly --- cost of installation within limited access right of way versus the cost of installation outside limited access right of way (frontage road, private easement, etc.)
- Describe the alternatives and the basis for selecting the proposed installation versus the alternates.
- Will the installation as proposed by this franchise or permit adversely affect the design, construction, stability, traffic safety, and operation of the highway.
- Is routine maintenance necessary? If so, can the utility be maintained without access from the through traffic roadway or ramps?
- Include pictures and typical cross-sections. Cross sections must include the locations of existing and proposed utilities with reference to centerline and edge of pavement.
- Any additional information that would support the application request.

Aerial installations on a scenic class “A” or “B” highway where aerial facilities are nonexistent within the right of way.

Areas to be addressed:

- Installation in an alternate location outside the right of way is extremely difficult, there are problems with alternate installation, and/or unreasonably costly - -- cost comparison.
- Buried installation is not technically feasible (e.g. power line voltage in excess of 35 KV) or is unreasonably costly --- cost comparison.
- Describe the alternatives and the basis for selecting the proposed installation versus the alternates.
- Type of construction --- trim line poles, short cross arms, low visibility.
- Location of pole line --- in trees, above or below roadway/viewing plane, on the side with the least view.
- Will the installation as proposed by this franchise or permit adversely affect the structural integrity, maintenance, appearance or operation of the highway.
- Include pictures and typical cross-sections. Cross sections must include the locations of existing and proposed utilities with reference to centerline and edge of pavement.
- Any additional information that would support the application request.

Open cuts of state highway traveled lanes and shoulders. The proposed installation could be longitudinal to, or crossing of the highway.

Areas to be addressed:

- Installation in an alternate location outside the right of way is extremely difficult, there are problems with alternate installation, and/or unreasonably costly - -- cost comparison.
- Describe the alternatives and the basis for selecting the proposed installation versus the alternates.
- Type of traffic control, detours, etc.
- Will the installation as proposed by this franchise or permit adversely affect the structural integrity, maintenance, appearance or operation of the highway.
- Is this section of highway scheduled for reconstruction or paving? If so, provide schedule of State and Utility work.
- Include pictures and typical cross-sections. Cross sections must include the locations of existing and proposed utilities with reference to centerline and edge of pavement.
- Width and surfacing material of the traveled lanes and shoulders.
- Any additional information that would support the application request.

Longitudinal Installations Within Any Median.

Areas to be addressed:

- Installation in an alternate location outside the roadway median is extremely difficult, there are problems with alternate installation, and/or unreasonably costly - -- cost comparison.
- Describe the alternatives and the basis for selecting the proposed installation versus the alternates.
- Type of traffic control, detours, etc.
- Will the installation as proposed by this franchise or permit adversely affect the structural integrity, maintenance, appearance or operation of the highway.
- Include pictures and typical cross-sections. Cross sections must include the locations of existing and proposed utilities with reference to centerline and edge of pavement.
- Width and surfacing material of the traveled lanes and shoulders.
- Any additional information that would support the application request.



Washington State
Department of Transportation

Application for Utility Permit or Franchise

Permit/Franchise No. _____

Applicant - Please print or type all information

Application is Hereby Made For: ☐ Permit ☒ Franchise ☐ Amendment ☐ Category 1 \$500.00 ☐ Category 2 \$300.00 ☒ Category 3 \$150.00
☐ Franchise Consolidation \$300.00 ☐ Franchise Renewal \$250.00

Intended Use of State Right of Way is to Construct, Operate, and Maintain a:

proposed aerial and underground 12.5KV power facility on a portion of

State Route SR 163 (at/from) MilePost 33.99 to Mile Post 34.24 in King County,

to begin in the NW 1/4 SE 1/4 Section 33 Township 21 North: Range 4 ~~West~~/East W.M.

and end in the SW 1/4 NE 1/4 Section 33 Township 21 North: Range 4 ~~West~~/East W.M.

Fees in the amount of \$ 150 are paid to defray the basic administrative expense incident to the processing of this application according to WAC 468-34 and RCW 47.44 and amendments. The applicant further promises to pay additional costs incurred by the Department on the behalf of the applicant.

Checks or Money Orders are to be made payable to "Washington State Department of Transportation."

New Electric Power Company

Applicant (Referred to as Utility)

123 South 4th Avenue

Address

Walikjakum WA 99999

City State Zip Code

(201)642-1127

Telephone

X1234 John Doe

Applicant Reference (WO) Number

John Doe

Applicant Authorized Signature

John Doe

Print or Type Name

Line Extension Manager

Title

Dated this 31st day of February, 1997

91-12345678

Federal Tax ID Number or Social Security Number

Authorization to Occupy Only If Approved Below

The Washington State Department of Transportation referred to as the "Department," hereby grants this document (Permit or Franchise as applicable) subject to the terms and conditions stated in the General Provisions, Special Provisions, and Exhibits attached hereto and by this reference made a part hereof: Construction facilities proposed under this application shall begin within one year and must be completed within three years from date of approval.

For Department Use Only

Exhibits Attached

Department Approval

By: _____

Title: _____

Date: _____

Expiration Date: _____



**Washington State
Department of Transportation**

Utility Facility Description

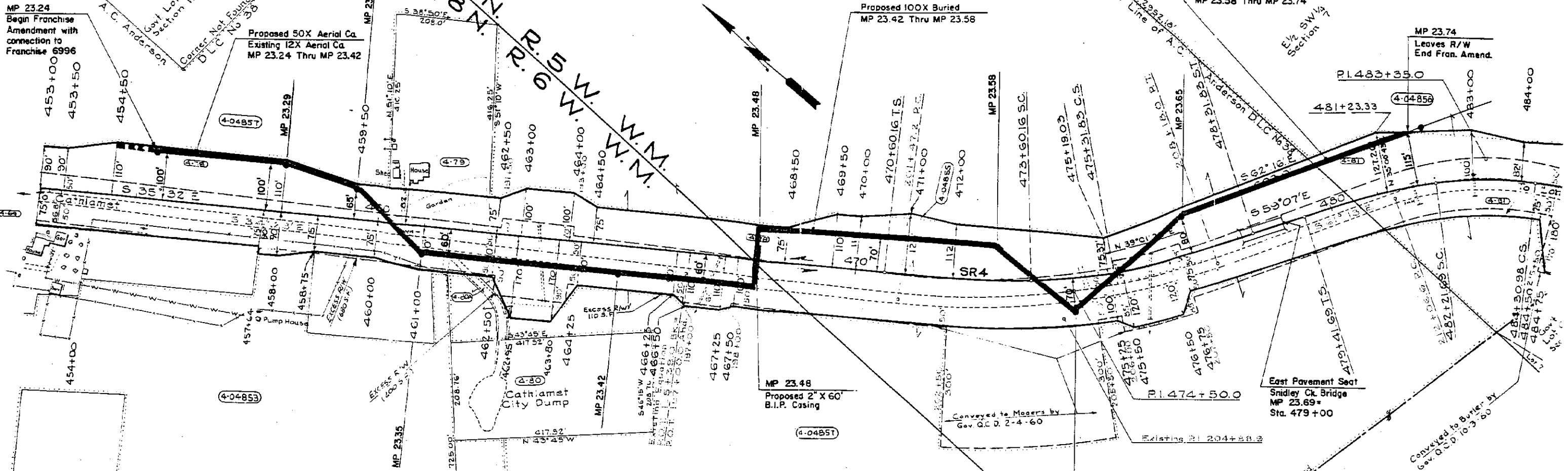
Applicant Field Contact Person			Field Contact Phone Number		Applicant Reference (WO) Number		Permit/Franchise No.	
John Doe			(321) 642-1127		X1234			
State Route	Highway Scenic Class	Access Control	Begin MP	End MP	Reference MP	Distance and Direction (From nearest reference MP)		
163	C	None	33.99	34.24	MP 33.90	498' NW of 364th Street		
Facility Description								
Proposed 12.5KV aerial and underground power facilities.								

Facility Detail

[illegible]DOT Form 224-697 EF
Revised 3/97

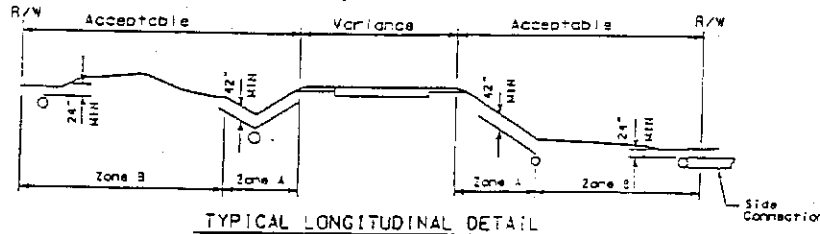
Exhibit "B" Page 1 of 1 Pages

MP 23.24
Begin Franchise
Amendment with
connection to
Franchise 6996



ZONE A is the area within the fore slope and back slope where routine maintenance operations generally occur. This area is defined as five feet beyond the bottom of the ditch or 15 feet beyond the edge of shoulder, whichever is further.

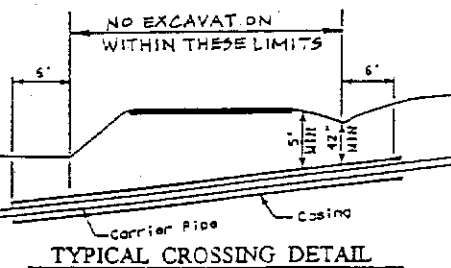
ZONE B is the area outside of the roadway and Zone A.



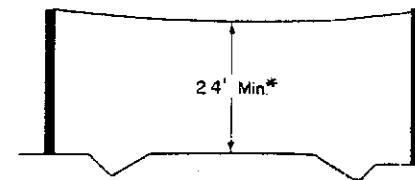
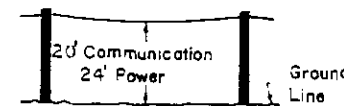
OWNERSHIPS					
Parcel No.	Name	Total Area	Take	Lt. Remainder	Rt.
4-78	Mogers	72.13 Ac.	4.56 Ac.	41.31 Ac.	27.96 Ac.
4-79	Zarnecki	2.00 Ac.	0.28 Ac.	1.72 Ac.	
480-480A	City of Cathlamet	2.00 Ac.	0.01 Ac.	1.99 Ac.	
4-81	Butler	159.88 Ac.	1.16 Ac.	157.57 Ac.	1.15 Ac.

ROAD APPROACH SCHEDULE		
SPECIFIED USER	STATION ON ROADWAY	WIDTH
Owner	460+50 Left	12'
"	460+60 Right	22'
"	468+25 Left	12'
"	474+70 Left	18'
"	481+60 Right	14'

CURVE DATA									
PI Station	Δ	CA	D	R	T	L	DE	LS	SPIRALS BACK AND AHEAD
PI 204+88.9	36°50' L	100'	1432.5'	341.7'	370.8'				
PI 215+19.0	57°12' R	100'	573.5'	312.4'	572.0'				
PI 474+50.0	23°35' L	8°35'	5'00"	1146.0'	389.84'	171.67'	1 1/2	7°30'	3.0
PI 483+35.0	34°15' R	14°39'	7'00"	818.6'	393.31'	209.29'	2 1/2	9°48'	2.8



LONGITUDINAL FACILITIES
MINIMUM VERTICAL CLEARANCES



*20' For Communications
joint with Power
AERIAL CROSSING - TYPICAL

SAMPLE EXHIBIT MAP
HIGHLIGHTED AREAS SHOW REQUIRED
INFORMATION PLOTTED & LABELED BY
THE UTILITY ON WSDOT FURNISHED MA
**DO NOT HIGHLIGHT THE EXHIBIT MAP
ATTACHED TO APPLICATION.**

SR 4
PRIMARY STATE HIGHWAY NO.
CATHLAMET TO ABE CREEK
WANKIAKUM COUNTY
RIGHT OF WAY
Station 453+00 to Station 485+

WASHINGTON STATE HIGHWAY COMMISSION
DEPARTMENT OF HIGHWAYS
OLYMPIA, WASHINGTON
SHEET 2 OF 6 SHEETS

Letter 2-8-81	3-1-81	Revised R/W at Sta. 493+00 to Sta. 497+00 & Sta. 497+00 to Sta. 499+00; Deleted R/W at Sta. 499+00 to Sta. 501+00 & Sta. 501+00 to Sta. 503+00; Revised R/W at Sta. 493+00 to Sta. 497+00 & Sta. 497+00 to Sta. 499+00; Deleted R/W at Sta. 499+00 to Sta. 501+00 & Sta. 501+00 to Sta. 503+00; Revised R/W at Sta. 493+00 to Sta. 497+00 & Sta. 497+00 to Sta. 499+00; Deleted R/W at Sta. 499+00 to Sta. 501+00 & Sta. 501+00 to Sta. 503+00; Revised R/W at Sta. 493+00 to Sta. 497+00 & Sta. 497+00 to Sta. 499+00; Deleted R/W at Sta. 499+00 to Sta. 501+00 & Sta. 501+00 to Sta. 503+00; Revised R/W at Sta. 493+00 to Sta. 497+00 & Sta. 497+00 to Sta. 499+00; Deleted R/W at Sta. 499+00 to Sta. 501+00 & Sta. 501+00 to Sta. 503+00; Revised R/W at Sta. 493+00 to Sta. 497+00 & Sta. 497+00 to Sta. 499+00; Deleted R/W at Sta. 499+00 to Sta. 501+00 & Sta. 501+00 to Sta. 503+00; Revised R/W at Sta. 493+00 to Sta. 497+00 & Sta. 497+00 to Sta. 499+00; Deleted R/W at Sta. 499+00 to Sta. 501+00 & Sta. 501+00 to Sta. 503+00; 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